

EasySwerve PK QTY	MAXSwerve PK QTY	Part number	Description	Included in another subsystem?	Subsystem
----- Drivetrain Subsystem -----					
EasySwerve QTY	MAXSwerve QTY	Part number	Description	In another subsystem?	Subsystem
1	1	REV-19-2487-PK2	Robot Battery		Drivetrain
4	-	REV-21-3006	4in EasySwerve Module	yes	Drivetrain
-	4	REV-21-3005	3in MAXSwerve Module		Drivetrain
4	-	REV-11-3174	Through Bore Encoder V2		Drivetrain
2	2	REV-21-3289	MAXTube - 1/2 x 1/2	yes	Drivetrain
1	1	REV-21-3410	Polycarbonate Sheet - 3mm - 1/2in Grid Pattern - 47in x 23in	yes	Drivetrain
2	2	REV-21-3420-PK2	3/8in Nut Strip - 3pos	yes	Drivetrain
2	2	REV-21-3555	MAXTube - 2x1 - 1/8in Wall - 47in		Drivetrain
1	1	REV-21-3620-PK30	MAXTube Internal Support - 2x1 - 1/8in Wall		Drivetrain
1	1	REV-29-1016-PK100	#10-32 Low Profile Nylon Lock Nut	yes	Drivetrain
1	1	REV-29-2943-PK50	Button Head Hex Drive Screw #10-32 x 1/2in	yes	Drivetrain
1	1	REV-29-2953-PK50	Button Head Hex Drive Screw #10-32 x 1-1/4in	yes	Drivetrain
1	1	REV-29-2955-PK50	Button Head Hex Drive Screw #10-32 x 1-1/2in	yes	Drivetrain
1	1	REV-29-2961-PK25	Button Head Hex Drive Screw #10-32 x 2-1/2in	yes	Drivetrain
1	1	REV-29-2962-PK25	Button Head Hex Drive Screw #10-32 x 2-1/4in	yes	Drivetrain
8	4	REV-11-2159	SPARK Flex Motor Controller	yes	Drivetrain
8	4	REV-21-1652	NEO Vortex Brushless Motor	yes	Drivetrain
-	4	REV-11-2158	SPARK MAX Motor Controller		Drivetrain
-	4	REV-21-1651	NEO 550 Brushless Motor		Drivetrain
----- Intake Subsystem -----					
EasySwerve QTY	MAXSwerve PK QTY	Part number	Description	In another subsystem?	Subsystem
2	2	REV-21-1135	1/2in Rounded Hex Shaft	yes	Intake
7	7	REV-21-1916-PK4	Flanged Bearing for 1/2in Rounded Hex	yes	Intake
1	1	REV-21-2003-PK10	1/2in Hex Shaft Spacer - 1/16in	yes	Intake
1	1	REV-21-2004-PK10	1/2in Hex Shaft Spacer - 1/8in	yes	Intake
1	1	REV-21-2005-PK10	1/2in Hex Shaft Spacer - 1/4in	yes	Intake
4	4	REV-21-2029-PK4	2in Compliant Wheel - 1/2in Hex Bore - Soft (Light Gray)		Intake
1	1	REV-21-2086-PK10	#10 Spacer, 0.250in Long		Intake
4	4	REV-21-2205	RT25 Pulley - 1/2in Hex - 16T - Single		Intake
2	2	REV-21-2296-PK2	1in Bracket - 90deg		Intake
1	1	REV-21-2298-PK2	1in Bracket - 120deg		Intake
1	1	REV-21-2359-PK2	Lap Joint Bracket - 1in		Intake
1	1	REV-21-2805-PK25	#10 Shaft End Screw V2 - 0.5in	yes	Intake
4	4	REV-21-2810	1/2in Rounded Hex Shaft - 1.5in - Tapped		Intake
1	1	REV-21-3289	1/2in x 1/2in MAXTube	yes	Intake
1	1	REV-21-3410	Polycarbonate Sheet - 3mm - 1/2in Grid Pattern - 47in x 23in	yes	Intake
2	2	REV-21-3540	MAXTube - 1x1 - 1/16in Wall - Grid Pattern - 47in	yes	Intake
3	3	REV-21-3558	MAXTube - 2x1 - 1/8in Wall - MAX Pattern	yes	Intake
1	1	REV-21-3580	MAXTube - 2x1 - 1/8in Wall - MAX Pattern		Intake
2	2	REV-21-3613	MAXTube Endcap - 2x1 - 1/8in Wall	yes	Intake
1	1	REV-21-3617-PK30	MAXTube Internal Support - 1x1 - 1/16in Wall		Intake
1	1	REV-21-3738-PK25	#10 Shaft End Screw V2 - 1.25in		Intake
1	1	REV-21-3739-PK25	#10 Shaft End Screw V2 - 1.75in		Intake
1	1	REV-21-4048	RT25 Belt - 1/2in Width - 48 Tooth		Intake
1	1	REV-21-4064	RT25 Belt - 1/2in Width - 64 Tooth		Intake
1	1	REV-29-1016-PK100	#10-32 Low Profile Nylon Lock Nut	yes	Intake
1	1	REV-29-2941-PK50	Button Head Hex Drive Screw #10-32 x 3/8in	yes	Intake
1	1	REV-29-2947-PK50	Button Head Hex Drive Screw #10-32 x 3/4in		Intake

EasySwerve PK QTY	MAXSwerve PK QTY	Part number	Description	Included in another subsystem?	Subsystem
1	1	REV-29-2953-PK50	Button Head Hex Drive Screw #10-32 x 1-1/4in	yes	Intake
1	1	REV-29-2955-PK50	Button Head Hex Drive Screw #10-32 x 1-1/2in	yes	Intake
1	1	REV-29-2960-PK25	Button Head Hex Drive Screw #10-32 x 2-1/4in		Intake
1	1	REV-29-2961-PK25	Button Head Hex Drive Screw #10-32 x 2-1/2in	yes	Intake
1	1	REV-11-2159	SPARK Flex Motor Controller	yes	Intake
1	1	REV-21-1652	NEO Vortex Brushless Motor	yes	Intake
1	1	REV-41-1163	Surgical Tubing - 3mm		Intake
1	1	REV-41-1373	Hook and Loop Fastener - 13.5mm x 2m		Intake
----- Launcher Subsystem -----					
EasySwerve QTY	MAXSwerve QTY	Part number	Description	In another subsystem?	Subsystem
2	2	REV-21-1135	1/2in Rounded Hex Shaft	yes	Launcher
2	2	REV-21-1916-PK4	Flanged Bearing for 1/2in Rounded Hex	yes	Launcher
2	2	REV-21-1934	46T - 1/2in Hex - 20DP Gear		Launcher
1	1	REV-21-2003-PK10	1/2in Hex Shaft Spacer - 1/16in	yes	Launcher
1	1	REV-21-2004-PK10	1/2in Hex Shaft Spacer - 1/8in	yes	Launcher
1	1	REV-21-2005-PK10	1/2in Hex Shaft Spacer - 1/4in	yes	Launcher
1	1	REV-21-2006-PK10	1/2in Hex Shaft Spacer - 1/2in		Launcher
3	3	REV-21-2037-PK2	MAXHub - 1/2in Hex - Aluminum	yes	Launcher
2	2	REV-21-2085-PK10	#10 Spacer, 0.125in Long	yes	Launcher
7	7	REV-21-2295-PK2	1in Bracket - 90deg - Sharp Interior	yes	Launcher
2	2	REV-21-2376-PK2	MAXHub - Structural	yes	Launcher
6	6	REV-21-2444	Grip Wheel - 4in - MAXSpline - Hard		Launcher
7	7	REV-21-2457	Compliant Wheel - 4in - MAXSpline - Medium		Launcher
1	1	REV-21-2520	MAXSpline Shaft - 47in Long	yes	Launcher
1	1	REV-21-2542-PK10	MAXSpline Spacer, 1/4in	yes	Launcher
3	3	REV-21-2543-PK5	MAXSpline Spacer, 1/2in	yes	Launcher
4	4	REV-21-2581	MAXSpline Shaft Collar - 2-Piece - Aluminum	yes	Launcher
2	2	REV-21-2589-PK2	MAXSpline Shaft Endcap - 1/2in Hex - Aluminum		Launcher
1	1	REV-21-2805-PK25	#10 Shaft End Screw V2 - 0.5in	yes	Launcher
2	2	REV-21-3011	20DP Gear - MAXSpline - 34T		Launcher
2	2	REV-21-3197-PK4	1/2in Rounded Hex Bearing - Flanged - 1in OD	yes	Launcher
3	3	REV-21-3207	0.74 x 0.74 Angle - 47in	yes	Launcher
1	1	REV-21-3289	1/2in x 1/2in MAXTube	yes	Launcher
8	8	REV-21-3293-PK2	1in Basic Corner Bracket	yes	Launcher
2	2	REV-21-3410	Polycarbonate Sheet - 3mm - 1/2in Grid Pattern - 47in x 23in	yes	Launcher
2	2	REV-21-3420-PK2	3/8in Nut Strip - 3pos	yes	Launcher
2	2	REV-21-3428-PK2	3/8in Nut Strip - 11pos		Launcher
2	2	REV-21-3476	MAXSpline Shaft Collar - 2 Piece - Narrow - Aluminum		Launcher
3	3	REV-21-3540	MAXTube - 1x1 - 1/16in Wall - Grid Pattern - 47in	yes	Launcher
2	2	REV-21-3580	MAXTube - 2x1 - 1/8in Wall - MAX Pattern	yes	Launcher
6	6	REV-21-3610	MAXTube Endcap - 1x1 - 1/16in Wall	yes	Launcher
8	8	REV-21-3611	MAXTube Endcap - 1x1 - 1/8in Wall	yes	Launcher
1	1	REV-21-4072	RT25 Belt - 1/2in Width - 72 Tooth		Launcher
7	7	REV-21-6568	Flap Wheel - 6in - MAXSpline - 6F - Medium		Launcher
2	2	REV-25-2224	RT25 Pulley - MAXSpline - 24T - Modular	yes	Launcher
1	1	REV-29-1016-PK100	#10-32 Low Profile Nylon Lock Nut	yes	Launcher
1	1	REV-29-2941-PK50	Button Head Hex Drive Screw #10-32 x 3/8in	yes	Launcher
1	1	REV-29-2943-PK50	Button Head Hex Drive Screw #10-32 x 1/2in	yes	Launcher
1	1	REV-29-2945-PK50	Button Head Hex Drive Screw #10-32 x 5/8in		Launcher
1	1	REV-29-2953-PK50	Button Head Hex Drive Screw #10-32 x 1-1/4in	yes	Launcher
2	2	REV-29-2955-PK50	Button Head Hex Drive Screw #10-32 x 1-1/2in	yes	Launcher

EasySwerve PK QTY	MAXSwerve PK QTY	Part number	Description	Included in another subsystem?	Subsystem
1	1	REV-29-2961-PK25	Button Head Hex Drive Screw #10-32 x 2-1/2in	yes	Launcher
1	1	REV-29-2962-PK25	Button Head Hex Drive Screw #10-32 x 2-1/4in	yes	Launcher
1	1	REV-21-2102	MAXPlanetary 4:1 Cartridge		Launcher
1	1	REV-21-2130	Vortex MAXPlanetary Input Kit	yes	Launcher
1	1	REV-25-2109	MAXPlanetary Base Kit	yes	Launcher
3	3	REV-11-2159	SPARK Flex Motor Controller	yes	Launcher
3	3	REV-21-1652	NEO Vortex Brushless Motor	yes	Launcher
----- Left & Right Wall Subsystem -----					
EasySwerve QTY	MAXSwerve QTY	Part number	Description	In another subsystem?	Subsystem
1	1	REV-11-1850	Power Distribution Hub (PDH)		Left & Right Walls
2	2	REV-21-2295-PK2	1in Bracket - 90deg - Sharp Interior	yes	Left & Right Walls
2	2	REV-21-3293-PK2	1in Basic Corner Bracket	yes	Left & Right Walls
1	1	REV-21-3207	0.74 x 0.74 Angle - 47in	yes	Left & Right Walls
1	1	REV-21-3410	Polycarbonate Sheet - 3mm - 1/2in Grid Pattern - 47in x 23in	yes	Left & Right Walls
2	2	REV-21-3540	MAXTube - 1x1 - 1/16in Wall - Grid Pattern - 47in	yes	Left & Right Walls
2	2	REV-21-3552	MAXTube - 2x1 - 1/16in Wall - 47in		Left & Right Walls
1	1	REV-21-3580	MAXTube - 2x1 - 1/8in Wall - MAX Pattern	yes	Left & Right Walls
4	4	REV-21-3610	MAXTube Endcap - 1x1 - 1/16in Wall	yes	Left & Right Walls
2	2	REV-21-3612	MAXTube Endcap - 2x1 - 1/16in Wall		Left & Right Walls
1	1	REV-29-1016-PK100	#10-32 Low Profile Nylon Lock Nut	yes	Left & Right Walls
1	1	REV-29-2941-PK50	Button Head Hex Drive Screw #10-32 x 3/8in	yes	Left & Right Walls
1	1	REV-29-2955-PK50	Button Head Hex Drive Screw #10-32 x 1-1/2in	yes	Left & Right Walls
1	1	REV-29-2961-PK25	Button Head Hex Drive Screw #10-32 x 2-1/2in	yes	Left & Right Walls
----- Conveyor Subsystem -----					
EasySwerve QTY	MAXSwerve QTY	Part number	Description	In another subsystem?	Subsystem
2	2	REV-21-1135	1/2in Rounded Hex Shaft	yes	Conveyor
2	2	REV-21-1583	1in Joining Bracket V1		Conveyor
1	1	REV-21-1916-PK4	Flanged Bearing for 1/2in Rounded Hex	yes	Conveyor
1	1	REV-21-2005-PK10	1/2in Hex Shaft Spacer - 1/4in	yes	Conveyor
3	3	REV-21-2037-PK2	MAXHub - 1/2in Hex - Aluminum	yes	Conveyor
1	1	REV-21-2085-PK10	#10 Spacer, 0.125in Long	yes	Conveyor
1	1	REV-21-2295-PK2	1in Bracket - 90deg - Sharp Interior	yes	Conveyor
2	2	REV-21-2302-PK2	1in Bracket - 180deg		Conveyor
2	2	REV-21-2317-PK2	1in Bracket - Internal 3-4-5 - Steep		Conveyor
2	2	REV-21-2319-PK2	1in Bracket - External 3-4-5 - Steep		Conveyor
1	1	REV-21-2329-PK2	1in Bracket - T		Conveyor
2	2	REV-21-2376-PK2	MAXHub - Structural	yes	Conveyor
1	1	REV-21-2520	MAXSpline Shaft - 47in Long	yes	Conveyor
1	1	REV-21-2541-PK10	MAXSpline Spacer, 1/8in		Conveyor
2	2	REV-21-2542-PK10	MAXSpline Spacer, 1/4in	yes	Conveyor
3	3	REV-21-2543-PK5	MAXSpline Spacer, 1/2in	yes	Conveyor
4	4	REV-21-2581	MAXSpline Shaft Collar - 2-Piece - Aluminum	yes	Conveyor
1	1	REV-21-2805-PK25	#10 Shaft End Screw V2 - 0.5in	yes	Conveyor
1	1	REV-21-2812	1/2in Rounded Hex Shaft - 2.5in - Tapped	yes	Conveyor
1	1	REV-21-3197-PK4	1/2in Rounded Hex Bearing - Flanged - 1in OD	yes	Conveyor
1	1	REV-21-3410	Polycarbonate Sheet - 3mm - 1/2in Grid Pattern - 47in x 23in	yes	Conveyor
1	1	REV-21-3543	MAXTube - 1x1 - 1/8in Wall - Grid Pattern - 47in		Conveyor
3	3	REV-21-3558	MAXTube - 2x1 - 1/8in Wall - MAX Pattern - 1-Pos (3in)	yes	Conveyor
2	2	REV-21-3580	MAXTube - 2x1 - 1/8in Wall - MAX Pattern	yes	Conveyor
2	2	REV-21-3611	MAXTube Endcap - 1x1 - 1/8in Wall	yes	Conveyor

EasySwerve PK QTY	MAXSwerve PK QTY	Part number	Description	Included in another subsystem?	Subsystem
7	7	REV-21-3613	MAXTube Endcap - 2x1 - 1/8in Wall	yes	Conveyor
7	7	REV-21-4056	RT25 Belt - 1/2in Width - 56 Tooth		Conveyor
1	1	REV-21-4168	RT25 Belt - 1/2in Width - 168 Tooth		Conveyor
15	15	REV-25-2224	RT25 Pulley - MAXSpline - 24T - Modular	yes	Conveyor
1	1	REV-29-1016-PK100	#10-32 Low Profile Nylon Lock Nut	yes	Conveyor
1	1	REV-29-2912-PK50	Socket Head Screw #10-32 x 3/8in	yes	Conveyor
1	1	REV-29-2941-PK50	Button Head Hex Drive Screw #10-32 x 3/8in	yes	Conveyor
1	1	REV-29-2943-PK50	Button Head Hex Drive Screw #10-32 x 1/2in	yes	Conveyor
1	1	REV-29-2953-PK50	Button Head Hex Drive Screw #10-32 x 1-1/4in	yes	Conveyor
1	1	REV-29-2955-PK50	Button Head Hex Drive Screw #10-32 x 1-1/2in	yes	Conveyor
1	1	REV-29-2961-PK25	Button Head Hex Drive Screw #10-32 x 2-1/2in	yes	Conveyor
1	1	REV-21-2101	MAXPlanetary 3:1 Cartridge		Conveyor
1	1	REV-21-2130	Vortex MAXPlanetary Input Kit	yes	Conveyor
1	1	REV-25-2109	MAXPlanetary Base Kit	yes	Conveyor
1	1	REV-11-2159	SPARK Flex Motor Controller	yes	Conveyor
1	1	REV-21-1652	NEO Vortex Brushless Motor	yes	Conveyor
----- Electronics Subsystem -----					
EasySwerve QTY	MAXSwerve QTY	Part number	Description	In another subsystem?	Subsystem
2	2	REV-19-2491-PK50	WAGO 221 Inline Splicing Connector - 12 AWG - 50 Pack		Electronics
1	1	REV-11-1134	36in 2-Wire Jumper Cable		Electronics
2	2	REV-21-2052-PK5	36in CAN Extension Cable - 5 Pack		Electronics
1	1	REV-11-3324	CAN Terminator Pack		Electronics
4	4	REV-11-1863-PK4	40A ATO Auto-resetting Breaker - 4 Pack		Electronics
2	2	REV-11-1229-PK10	PWM Cable Clip - 10 Pack		Electronics
4	-	REV-21-2998	3in MAXSwerve Module - SPARK MAX Mounting Bracket		Electronics
1	1	REV-11-3327	JST PH 6-pin Extension Cable - 30cm		Electronics
1	1	REV-11-1277-PK4	JST PH 6-pin Joiner Board - 4 Pack		Electronics